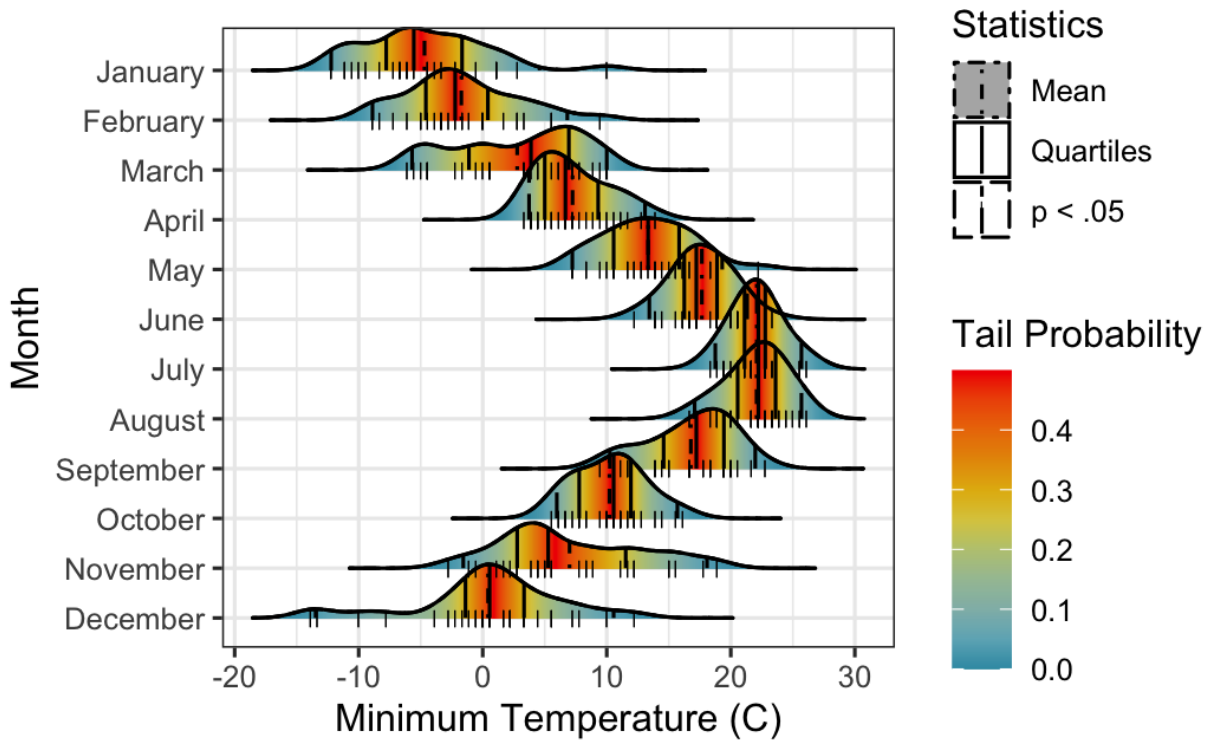
Density Ridges

```
ggplot(data=central, aes(x=(temp_min - 32) * (5/9), # fahrenheit
                y=factor(date, labels=format(as.Date(date), "%B
                ordered=TRUE))) +
                stat_density_ridges(geom="density_ridges_gradien
                                                        calc_ecd
                                                        panel_sc
                                                        rel_min_
                                                        quantile
                                                        quantile
                                                        vline_co
                                                        aes(fill
                                                        linetype
stat_density_ridges(geom="density_ridges_gradient",
calc_ecdf=TRUE,
panel_scaling=FALSE,
rel_min_height=1e-7,
quantiles=c(0.025, 0.975),
quantile_lines=TRUE,
jittered_points=TRUE,
point_shape='|',
fill=NA,
vline_color="black",
aes(linetype="p < .05")) +
stat_density_ridges(geom="density_ridges_gradient",
calc_ecdf=TRUE,
panel_scaling=FALSE,
rel_min_height=1e-7,
quantiles=c(0.25, 0.5, 0.75),
quantile_lines=TRUE,
```

```
jittered_points=TRUE,
point_shape='|',
fill=NA,
vline_color="black",
aes(linetype="Quartiles")) +
scale_y_discrete(limits=rev) +
scale_fill_gradientn(name="Tail Probability",
colours=wesanderson::wes_palette("Zissou1", 100, type="continuou
scale_linetype_manual(name="Statistics",
breaks=c("Mean", "Quartiles", "p < .05"),
values=c("Mean"="dotdash",
"Quartiles"="solid",
"p < .05"="longdash")) +
theme(legend.position="right", legend.justification="center") +
labs(x="Minimum Temperature (C)", y="Month")
```



```
ggplot(data = eoy,
mapping = aes(
x = factor(year),
y= score,
fill= school
)) + geom_rain(boxplot.args=list(color="black",
outlier.shape=NA),
cov="school",
alpha = 0.5,
id.long.var="id")
```